



STIC Search Report

EIC 2100

STIC Database Tracking Number: 164678

TO: Thomas Pham
Location: rnd 5a28
Art Unit: 2121
Friday, September 02, 2005

Case Serial Number: 09/829623

From: Emory Damron
Location: EIC 2100
RND 4B19
Phone: 571-272-3520

Emory.Damron@uspto.gov

Search Notes

Dear Thomas,

Please find below your fast and focused search.

References of potential pertinence have been tagged, but please review all the packets in case you like something I didn't.

Of those references which have been tagged, please note any manual highlighting which I've done within the document.

In addition to searching on Dialog, I also searched EPO/JPO/Derwent.

There may be a few decent references contained herein, but I'll let you determine how useful they may be to you.

Please contact me if I can refocus or expand any aspect of this case, and please take a moment to provide any feedback (on the form provided) so EIC 2100 may better serve your needs. Good Luck!

Sincerely,

Emory Damron

Technical Information Specialist

EIC 2100, US Patent & Trademark Office

Phone: (571) 272-3520

Emory.damron@uspto.gov



Best Available Copy



164678

STIC EIC 2100 Search Request Form

Today's Date: 9/2/05

What date would you like to use to limit the search? MAY 15

Priority Date: 2000 Other:

Name THOMAS PHAM
AU 2121 Examiner # 79591
Room # RAN-5A28 Phone 2-3689
Serial # 09/829623

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB
IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Providing info for a network where in the
contents are hieratically structured according
to an amount of information

P6 PUB 2002/0049758

XCOPY

STIC Searcher Sandra Danner Phone 2-3520
Date picked up 9/2/05 Date Completed 9/2/05





STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Anne Hendrickson, EIC 2100 Team Leader
272-3490, RND 4B28

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND, 4B28



Set	Items	Description
S1	8454418	PROVID? OR DISTRIBUT? OR SEND? OR DOWNLOAD? OR UPLOAD? OR - SUPPLY? OR DISPENS?
S2	5299138	EXTRACT? OR PROPAGAT? OR GENERAT? OR TRANSFER? OR TRANSMI? OR FURNISH?
S3	3639817	CONTENT? OR INFO OR DATA? OR INFORMATION? OR DOCUMENT? OR - CATALOG? OR MAGAZINE?
S4	1000372	PRODUCT?(2N) (IMAG? OR PICTUR? OR DRAWING?) OR TEXT? OR REP- ORT? OR PLAINTEXT? OR BOOK? OR PERIODICAL?
S5	580184	NETWORK? OR ONLINE? OR INTERNET? OR INTRANET? OR EXTRANET? OR ETHERNET? OR NET OR NETS OR LAN OR WAN OR WAP
S6	1145019	HIERARCH? OR HIERAT? OR TIER? OR RANK? OR CLASSIFI? OR TRE- E? OR LEVEL? OR PRIORIT? OR CATEGOR?
S7	15626	ORGANIZATION? OR ORGANISATION?
S8	2896018	AMOUNT? OR SIZE? OR COST? OR PRICE? OR PAGE()COUNT? OR EXP- ENDITUR?
S9	871892	HOW() (MUCH OR BIG OR LARGE) OR ENORMITY? OR QUANTIT? OR MA- GNITUD? OR VOLUME?
S10	445286	IMMENS? OR DIMENSION?
S11	1933821	ASSIGN? OR SELECT? OR CHOOS? OR CHOIC? OR ALLOT? OR DESIGN- AT? OR ALLOCAT?
S12	1849294	FINITE? OR LIMITED? OR CONSTRAIN? OR RESTRICT? OR FIXED? OR CONFIN?
S13	5303755	INTERMEDIAT? OR MIDDLE? OR CENTRAL? OR BETWEEN? OR (THIRD - OR 3RD) () (PARTY? OR PARTIE?)
S14	1261378	INTERVEN? OR INTERPOS? OR MEDIAT? OR AGENT? OR PROXY? OR P- ROXIE?
S15	3939535	S1:S14 (5N) (METHOD? OR SYSTEM? OR PROCEDUR? OR PROCESS? OR - TECHNIQUE? OR MODE? ?)
S16	1235257	IC=G06F?
S17	924195	MC=T01?
S18	166773	S1:S2 (10N) S3:S4 AND S1:S4 (10N) S5
S19	10568	S18 AND S3:S4 (10N) S6:S7
S20	1237	S19 AND (S3:S4 OR S6:S7) (10N) S8:S10
S21	10	S20 AND S11 AND S12 AND S13:S14
S22	808	S20 AND S15 (5N) (S1:S2 OR S11)
S23	931	(S20 OR S22) AND S16:S17
S24	1237	S20 OR S23
S25	963	S24 AND S1:S2 (5N) S3:S4 AND S1:S4 (5N) S5
S26	746	S25 AND S3:S4 (5N) S6:S7
S27	589	S26 AND (S3:S4 OR S6:S7) (5N) S8:S10
S28	141	S22:S23 AND S11 (5N) (S12:S14 OR S6:S7)
S29	67	S27 AND S28
S30	538	S27 AND S15
S31	431	S30 AND S16:S17
S32	211	S31 AND (S1:S2 AND S3:S4) /TI
S33	170	S32 AND S15/TI
S34	218	S21 OR S29 OR S33
S35	839663	PR=2001:2005
S36	184	S34 NOT S35
S37	184	IDPAT (sorted in duplicate/non-duplicate o
S38	71	S28 NOT S34
S39	55	S38 NOT S35
S40	55	IDPAT (sorted in duplicate/non-duplicate o

File 347: JAPIO Nov 1976-2005/Apr (Updated 050801)
(c) 2005 JPO & JAPIO

File 350: Derwent WPIX 1963-2005/UD, UM & UP=200555
(c) 2005 Thomson Derwent

?

Pat Lit
BIBLIO 6
FILES

[www.else](http://www.elsevier.com)

37/3,K/140 (Item 140 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012040407 **Image available**
WPI Acc No: 1998-457317/199839
XRPX Acc No: N98-356888

Computer-implemented method of representing hypertext documents - by
receiving ranking of several sets of data distributed among several
computers and generating map of sets to visually indicate ranking

Patent Assignee: INTEL CORP (ITLC)

Inventor: DOWNS T; KISOR G H

Number of Countries: 081 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9836343	A2	19980820	WO 98US444	A	19980106	199839 B
AU 9858201	A	19980908	AU 9858201	A	19980106	199904
US 6070176	A	20000530	US 97790537	A	19970130	200033
EP 1012744	A2	20000628	EP 98901757	A	19980106	200035
			WO 98US444	A	19980106	

Priority Applications (No Type Date): US 97790537 A 19970130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9836343 A2 E 38 G06F-000/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE
IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9858201 A G06F-019/00 Based on patent WO 9836343

US 6070176 A G06F-017/30

EP 1012744 A2 E G06F-017/00 Based on patent WO 9836343

Designated States (Regional): DE FR GB

Computer-implemented method of representing hypertext documents - ...

...by receiving ranking of several sets of data distributed among
several computers and generating map of sets to visually indicate
ranking

...Abstract (Basic): The method involves receiving a ranking of several
sets of data . The sets of data are distributed among several
computers on a network . The ranking is based on a set of criteria.
A map of the sets of data is generated . The map visually indicates
the ranking . The set of criteria corresponds to a set of
user-provided criteria and the ranking is based on a degree of
relevance of each data set to the set of user- provided criteria...

...The network is a wide area network , so that the data sets are
distributed over the wide area network . The map includes several
objects which are displayed on the display device. Each of the objects
represents one of the data sets. The ranking is indicated in the
map, at least in part, by at least one attribute of a given object from
the list consisting of: a colour, a size , a shape or a texture of
the given object...

International Patent Class (Main): G06F-000/00 ...

... G06F-017/00 ...

37/3,K/141 (Item 141 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011921303 **Image available**
WPI Acc No: 1998-338213/199830
XRPX Acc No: N98-264417

Data transmission system for internet - selects data to be
transmitted to client based on data transmission amount
represented in correspondence table

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ); MITSUBISHI DENKI KK
(MITQ)

Inventor: SAKAKURA T; UEMURA J

Number of Countries: 002 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10124430	A	19980515	JP 96276207	A	19961018	199830 B
US 6243392	B1	20010605	US 97866240	A	19970530	200133
US 20010040893	A1	20011115	US 97866240	A	19970530	200172
			US 2001758154	A	20010112	
US 6430161	B2	20020806	US 97866240	A	19970530	200254
			US 2001758154	A	20010112	
JP 3683051	B2	20050817	JP 96276207	A	19961018	200554

Priority Applications (No Type Date): JP 96276207 A 19961018

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10124430	A		11	G06F-013/00	
US 6243392	B1			H04J-003/00	
US 20010040893	A1			H04J-003/16	Cont of application US 97866240
					Cont of patent US 6243392
US 6430161	B2			H04J-003/00	Cont of application US 97866240
JP 3683051	B2		13	G06F-013/00	Previous Publ. patent JP 10124430

Data transmission system for internet - ...

...selects data to be transmitted to client based on data
transmission amount represented in correspondence table

...Abstract (Basic): that acquires client capability characteristics and
processing velocity from terminal attribute provision unit. The
acquired information is transmitted to a collection unit provided
in the server...

...Based on the collected information , suitable data classification is
done by a data attribute setting unit and then the amount of data
is setup as a profile. A transmission selector chooses data for
transmission based on the data transmission amount represented
in correspondence table. Then, the data is transmitted to client
from server...

...ADVANTAGE - Reduces data transmission operation. Produces data based
on prescribed circuit characteristics and transmission
characteristics designated by client. Facilitates alteration of data
transmission amount .

International Patent Class (Main): G06F-013/00 ...

Manual Codes (EPI/S-X): T01-H07C5 ...

37/3,K/150 (Item 150 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011077138 **Image available**
WPI Acc No: 1997-055062/199706
XRPX Acc No: N97-045148

Image transmission apparatus for processing hierarchically encoded information and, e.g for billing users - has information and account processing unit that sends images on user request at different resolutions and charges accordingly

Patent Assignee: CANON KK (CANO); IWAMURA K (IWAM-I); NAGASHIMA T (NAGA-I); SUZUKI T (SUZU-I)

Inventor: IWAMURA K; NAGASHIMA T; SUZUKI T

Number of Countries: 010 Number of Patents: 023

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 751685	A1	19970102	EP 96304826	A	19960628	199706	B
AU 9656292	A	19970109	AU 9656292	A	19960627	199710	
JP 9018852	A	19970117	JP 95166231	A	19950630	199713	
JP 9046678	A	19970214	JP 95189283	A	19950725	199717	
JP 9046680	A	19970214	JP 95189285	A	19950725	199717	
CA 2179973	A	19961231	CA 2179973	A	19960626	199718	
SG 48461	A1	19980417	SG 9610193	A	19960701	199828	
SG 53134	A1	19980928	SG 974454	A	19960701	199904	
SG 54610	A1	19981116	SG 974452	A	19960701	199928	
AU 726870	B	20001123	AU 9656292	A	19960627	200101	
CN 1146110	A	19970326	CN 96110958	A	19960628	200106	
US 6275988	B1	20010814	US 96672023	A	19960626	200148	
US 20010029608	A1	20011011	US 96672023	A	19960626	200162	
			US 2001874285	A	20010606		
CA 2365268	A1	19961231	CA 2179973	A	19960626	200224	
			CA 2365268	A	19960626		
CA 2179973	C	20020305	CA 2179973	A	19960626	200225	
EP 751685	B1	20020717	EP 96304826	A	19960628	200254	
			EP 2001203550	A	19960628		
DE 69622326	E	20020822	DE 96622326	A	19960628	200263	
			EP 96304826	A	19960628		
JP 3359185	B2	20021224	JP 95166231	A	19950630	200304	
JP 3363668	B2	20030108	JP 95189285	A	19950725	200306	
SG 96178	A1	20030523	SG 974453	A	19960701	200347	
CA 2365268	C	20031007	CA 2179973	A	19960626	200367	
			CA 2365268	A	19960626		
CN 1447567	A	20031008	CN 96110958	A	19960628	200403	
			CN 2002127225	A	19960628		
CN 1112000	C	20030618	CN 96110958	A	19960628	200545	

Priority Applications (No Type Date): JP 95189285 A 19950725; JP 95166231 A 19950630; JP 95189283 A 19950725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 751685	A1	E	55	H04N-007/167	
				Designated States (Regional): DE FR GB NL	
AU 9656292	A			H04L-012/14	
JP 9018852	A		9	H04N-007/16	
JP 9046678	A		25	H04N-007/16	
JP 9046680	A		28	H04N-007/16	
CA 2179973	A			H04N-007/16	
SG 48461	A1			H04N-007/167	
SG 53134	A1			H04N-007/16	
SG 54610	A1			H04B-003/04	
AU 726870	B			H04L-012/14	Previous Publ. patent AU 9656292

CN 1146110	A		H04L-012/50	
US 6275988	B1		H04N-007/173	
US 20010029608	A1		H04N-007/167	Div ex application US 96672023
				Div ex patent US 6275988
CA 2365268	A1 E		H04N-001/41	Div ex application CA 2179973
CA 2179973	C E		H04N-007/16	
EP 751685	B1 E		H04N-007/167	Related to application EP 2001203550
		Designated States (Regional):	DE FR GB NL	
DE 69622326	E		H04N-007/167	Based on patent EP 751685
JP 3359185	B2	10	H04N-007/16	Previous Publ. patent JP 9018852
JP 3363668	B2	26	H04N-007/16	Previous Publ. patent JP 9046680
SG 96178	A1		H04N-007/16	
CA 2365268	C E		H04N-001/41	Div ex application CA 2179973
CN 1447567	A		H04L-012/50	Div ex application CN 96110958
CN 1112000	C		H04L-012/56	

Image transmission apparatus for processing hierarchically encoded information and, e.g for billing users...

...has information and account processing unit that sends images on user request at different resolutions and charges accordingly

...Abstract (Basic): The image transmission apparatus can be used in a system with users connected to a network , e.g. a LAN , and a server providing images and maintaining accounts. A user can request delivery of an image via the image...

...The charge table may be based on either the resolution level or on the volume of data . The apparatus can track user accounts and user payments...

...ADVANTAGE - Allows information provider to arrange billing on basis of amount of information retrieved...

Manual Codes (EPI/S-X): T01-H07C3B ...

... G06F-017/30 ...

... G06F-019/00

Manual Codes (EPI/S-X): T01-H07C3C ...

... T01-J11C1

37/3,K/67 (Item 67 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015331531 **Image available**
WPI Acc No: 2003-392466/200337
XRPX Acc No: N03-313591

Search result ranking system for search engine, has result sorter
that generates ranked matches by sorting query results based on rating
data from online ranking repository

Patent Assignee: SUNDARESAN N (SUND-I)

Inventor: SUNDARESAN N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030033298	A1	20030213	US 2000488470	A	20000120	200337 B

Priority Applications (No Type Date): US 2000488470 A 20000120

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030033298	A1	11	G06F-007/00	

Search result ranking system for search engine, has result sorter
that generates ranked matches by sorting query results based on rating
data from online ranking repository

Abstract (Basic):

... An online ranking system (150) indexes received ranking
data compiled from an online source, based on interactive criteria. An
online ranking repository (170) stores the indexed rating data . A
result sorter (140) generates ranked matches by sorting query
results generated by the search engine, based on the stored indexed
rating data .

... 2) search result ranking method .

...quality of the business in terms of interactive criteria such as
customer satisfaction, professionalism, and cost and ease of use of
products or services. Enhances the ranking quality, by simply
providing a cost of count ratings for a business...

... online ranking system (150

International Patent Class (Main): G06F-007/00

Manual Codes (EPI/S-X): T01-J05B1 ...

... T01-N02B1A ...

... T01-N03A2 ...

... T01-S03

37/3,K/115 (Item 115 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013883029 **Image available**

WPI Acc No: 2001-367242/200138

Related WPI Acc No: 2001-335577; 2001-354982; 2001-354983; 2001-354984;
2001-367243; 2001-374272; 2001-425078; 2001-457064; 2001-457065;
2001-457066; 2001-457067

XRFX Acc No: N01-267981

Sensor network e.g. intelligent network has node that provides
information including node resource cost and message priority for
distributing data processing in network

Patent Assignee: SENSORIA CORP (SENS-N)

Inventor: GELVIN D C; GIROD L D; KAISER W J; MERRILL W M; NEWBERG F; POTTIE
G J; SIPOS A I; VARDHAN S

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200126327	A2	20010412	WO 2000US27513	A	20001005	200138 B
AU 200078615	A	20010510	AU 200078615	A	20001005	200143
US 6826607	B1	20041130	US 99158013	P	19991006	200479
			US 99170865	P	19991215	
			US 2000208397	P	20000530	
			US 2000210296	P	20000608	
			US 2000685019	A	20001004	

Priority Applications (No Type Date): US 2000685020 A 20001004; US 99158013
P 19991006; US 99170865 P 19991215; US 2000208397 P 20000530; US
2000210296 P 20000608; US 2000680550 A 20001004; US 2000680608 A 20001004
; US 2000684162 A 20001004; US 2000684387 A 20001004; US 2000684388 A
20001004; US 2000684490 A 20001004; US 2000684565 A 20001004; US
2000684706 A 20001004; US 2000684742 A 20001004; US 2000685018 A 20001004
; US 2000685019 A 20001004

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200126327	A2	E 186	H04L-029/06	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200078615	A		H04L-029/06	Based on patent WO 200126327
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US 6826607	B1		G08B-001/08	Provisional application US 99158013 Provisional application US 99170865 Provisional application US 2000208397 Provisional application US 2000210296
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... intelligent network has node that provides information including node
resource cost and message priority for distributing data processing
in network

Abstract (Basic):

... between monitored environment and client computer (832). The
client computer remotely controls the nodes, which provides
information pertaining about resource cost and priority to the
elements. Based on the node information, data processing is
distributed in sensor network.

... Reduces burden on communication system, by reducing

requirements for transmission of measured data .

Manual Codes (EPI/S-X): T01-H07C3E ...

... T01-H07C5A ...

... T01-H07C5E ...

... T01-H07P ...

... T01-J20B1

37/3,K/116 (Item 116 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013882802 **Image available**
WPI Acc No: 2001-367015/200138
XRPX Acc No: N01-267811

Limiting rate by which client computer receives data from one or more
source computer systems , involves periodically transferring quantum
of data from highest- priority queue to client computer system

Patent Assignee: WORLDSTREAM COMMUNICATIONS INC (WORL-N)

Inventor: FAIRMAN J; JONES T; PALAZON E; WILLIAMS K

Number of Countries: 086 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200076146	A1	20001214	WO 2000US14897	A	20000531	200138 B
AU 200054511	A	20001228	AU 200054511	A	20000531	200138

Priority Applications (No Type Date): US 99329984 A 19990609

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200076146	A1 E	56	H04L-012/56	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200054511	A		H04L-012/56	Based on patent WO 200076146
--------------	---	--	-------------	------------------------------

Limiting rate by which client computer receives data from one or more
source computer systems , involves periodically transferring quantum
of data from highest- priority queue to client computer system

Abstract (Basic):

... A quantum of data from the highest-priority queue are
periodically transferred to the client computer system. Each transfer
...

...a time late enough to limit the rate at which the client computer system
receives data transferred from the queues based on the size of
the transferred quantum of data .

... that are directed to a client computer system are received from
the corresponding source computer systems . The contents of each
body of data are added to a particular queue based on the contents
themselves, each queue having a level of priority relative to the
other queues. INDEPENDENT CLAIMS are also included for the following...

...For managing the transmission of data from a server to a client
computer system...

...best suited for live sequences, which typically do not have a fixed
length, and whose data is often not available when downloading
commences. Enables users to quickly cancel the delivery of unwanted
sequences since user is in...

...The figure shows the diagram of a typical network in which the data
transmission managing facility is utilized...

Manual Codes (EPI/S-X): T01-G05C ...

... T01-H07C3C ...

... T01-H07C5 ...

... T01-M02A1B

37/3,K/131 (Item 131 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012993419 **Image available**

WPI Acc No: 2000-165271/200015

XRFX Acc No: N00-123769

Data delivery load distribution system for client-server
information network - assigns vicarious execution computer as proxy
for data delivery, if data delivery cost of data provision
computer exceeds threshold value

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000020386	A	20000121	JP 98183683	A	1998063	200015 B

Priority Applications (No Type Date): JP 98183683 A 19980630

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000020386	A	16	G06F-012/00	

Data delivery load distribution system for client-server
information network - ...

... assigns vicarious execution computer as proxy for data delivery,
if data delivery cost of data provision computer exceeds threshold
value

...Abstract (Basic): NOVELTY - If the data delivery cost of data
provision computer (3) exceeds threshold level, an allocation unit
(32) dynamically assigns a vicarious execution computer (4) as proxy,
for data delivery. The difference in cost when the computer (3)
delivers data and when delivery vicarious execution is requested, is
considered as the data for requesting vicarious...

...USE - For data delivery load distribution in client-server
information network .

...ADVANTAGE - Distributes load of data delivery automatically, thus
improving service rate of network . DESCRIPTION OF DRAWING(S) - The
figure shows block diagram of push type information system . (3)
Computer; (4) Vicarious execution computer; (32) Allocation unit

International Patent Class (Main): G06F-012/00

Manual Codes (EPI/S-X): T01-H

37/3,K/136 (Item 136 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012431321 **Image available**
WPI Acc No: 1999-237429/199920
XRPX Acc No: N99-176701

Information transmitting method for digital broadcast in internet ,
computer communications - involves classifying data which are stored
along with classification information in several units of preset
capacity

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11065958	A	19990309	JP 97224635	A	19970821	199920 B

Priority Applications (No Type Date): JP 97224635 A 19970821

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11065958	A	11	G06F-013/00	

Information transmitting method for digital broadcast in internet ,
computer communications...

...involves classifying data which are stored along with classification
information in several units of preset capacity

...Abstract (Basic): NOVELTY - An information database is used to store
image, audio and text data. Information relating to the category or
characteristics of the contents of the database are also stored.
Based on the volume of the information , the contents of database
along with classification information are divided and stored in
units of preset capacity...

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/30 ...

Manual Codes (EPI/S-X): T01-H07C3 ...

... T01-H07C5E ...

... T01-J05B4P

37/3,K/142 (Item 142 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011792915 **Image available**
WPI Acc No: 1998-209825/199819
XRPX Acc No: N98-166776

Scalable transmission method of video objects for Internet - involves
transferring video objects according to their priority after scaling
down data size of frame

Patent Assignee: ELECTRONICS & TELECOM RES INST (ELTE-N); KOREA ELECTRONIC
COMMUNICATION (KOEL-N); KOREA ELECTRONICS & TELECOM RES INST (KOEL-N);
KOREA ELECTRONICS & TELECOM RES (KOEL-N)

Inventor: CHANG H; LIM Y; IM Y; JANG H; CHANG H D; LIM Y G
Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2318698	A	19980429	GB 9716874	A	19970811	199819 B
JP 10136383	A	19980522	JP 97214717	A	19970808	199831
KR 98029966	A	19980725	KR 9649300	A	19961028	199930
US 6025877	A	20000215	US 97959084	A	19971028	200016
GB 2318698	B	20000705	GB 9716874	A	19970811	200035
KR 211055	B1	19990715	KR 9649300	A	19961028	200102

Priority Applications (No Type Date): KR 9649300 A 19961028

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2318698	A	24		H04N-007/26	
JP 10136383	A	8		H04N-007/32	
KR 98029966	A			H04N-007/24	
US 6025877	A			H04N-007/12	
GB 2318698	B			H04N-007/26	
KR 211055	B1			H04N-007/24	

Scalable transmission method of video objects for Internet - ...

...involves transferring video objects according to their priority after
scaling down data size of frame

...Abstract (Basic): The transmission method involves making set of
video objects to be transferred and transmitting the set. It is...

...whether or not the set is the last portion of a video sequence. A
current transmission rate and a transmission tolerance data size
are calculated. A video object evaluation group is made...

...The data size of the video object evaluation group is compared with
a data size of the set elements plus a data amount of the video
objects of the transmission priority j. Video objects are then
added to the set. It is then checked whether or...

Manual Codes (EPI/S-X): T01-H07C3B ...

... T01-J10D

37/3,K/160 (Item 160 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009634812 **Image available**
WPI Acc No: 1993-328361/199341
XRPX Acc No: N93-253376

Voice, video or data transmission between subscribers on integrated services network with prioritised attributes - assembling different traffic to be transmitted at entry point of ISN into composite frame of variable size and allowing transmission of higher priority traffic type during congestion

Patent Assignee: SPRINT INT COMMUNICATIONS CORP (SPRI-N)

Inventor: BERNSTEIN S; JURKEVICH M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5251209	A	19931005	US 91676515	A	19910328	199341 B

Priority Applications (No Type Date): US 91676515 A 19910328

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5251209	A	32	H04J-003/16	

Voice, video or data transmission between subscribers on integrated services network with prioritised attributes...

...different traffic to be transmitted at entry point of ISN into composite frame of variable size and allowing transmission of higher priority traffic type during congestion

...Abstract (Basic): The method involves transmitting information between subscribers as traffic components in an integrated services network (ISN), in which the traffic consists of different media types associated with respective subscribers including voice, video and data traffic types. Each traffic type has respective attributes for transmission through the ISN e.g. delay sensitivity, loss tolerance, activity level, burst size, average packet length, and probability of buffer overflow. The traffic types to be transmitted at...

...frame of variable size for transmission. The traffic assembled into the single composite frame are limited to those destined for subscribers at the same exit point of the ISN...

...A different priority level is assigned to each traffic type for transmission through the network w.r.t. the respective attributes. The transmission of composite frames contg. lower priority level traffic types is selectively blocked, while transmission of those contg. higher priority traffic is allowed during periods of congestion
...

40/3,K/29 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013522419 **Image available**
WPI Acc No: 2001-006625/200101
XRPX Acc No: N01-004776

Document presentation method for Internet by displaying hierarchy
of indexing concept associated with sub-sets of documents
Patent Assignee: TEXTRAY LTD (TEXT-N); FOCUS ENGINE SOFTWARE LTD (FOCU-N)
Inventor: DAGAN I; STAUBER Y
Number of Countries: 091 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200051024	A1	20000831	WO 2000IL117	A	20000225	200101 B
AU 200029366	A	20000914	AU 200029366	A	20000225	200101
EP 1155377	A1	20011121	EP 2000907906	A	20000225	200176
			WO 2000IL117	A	20000225	

Priority Applications (No Type Date): US 99121596 P 19990225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200051024	A1	E	64 G06F-017/30	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200029366 A G06F-017/30 Based on patent WO 200051024

EP 1155377 A1 E G06F-017/30 Based on patent WO 200051024

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

Document presentation method for Internet by displaying hierarchy
of indexing concept associated with sub-sets of documents

Abstract (Basic):

... modified dynamically by an 'organize by' operation (43)
maintaining, however, a predetermined structure of the hierarchy. The
user may select an indexing concept (node) (44) within the hierarchy
, and request for a display of information about the documents
associated with selected node. The displayed information may include
one or more number of sub...

... It increases the effectiveness of user effort during browsing of
retrieved documents and extracts hidden in the vast amount of
information.

International Patent Class (Main): G06F-017/30

Manual Codes (EPI/S-X): T01-H07C5E ...

... T01-J05B2B ...

... T01-J12B1

37/3,K/149 (Item 149 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011168951 **Image available**
WPI Acc No: 1997-146876/199714
XRPX Acc No: N97-121442

Packet data record transmission method for software or data
installation - dividing data records into higher and lower priority
and sending high priority records at higher transfer rate and lower
number of repetitions, and low priority records at lower rate and higher
number of repetitions

Patent Assignee: FRAUNHOFER GES FOERDERUNG ANGEWANDTEN (FRAU)
Inventor: CALDENHOVEN F; GERHAEUSER H; HAIST M; HEUBERGER A; KEYHL M; KORTE
O; PLANKENBUEHLER R; SPINNLER W; ZELLER J
Number of Countries: 006 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19619491	A1	19970227	DE 1019491	A	19960514	199714 B
EP 762680	A2	19970312	EP 96109796	A	19960618	199715
DE 19619491	C2	19990325	DE 1019491	A	19960514	199916

Priority Applications (No Type Date): DE 1031063 A 19950823

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19619491	A1		8	G06F-013/38	
EP 762680	A2 G		9	H04H-001/00	

Designated States (Regional): AT CH DE FR GB LI
DE 19619491 C2 G06F-013/38

Packet data record transmission method for software or data
installation...

...dividing data records into higher and lower priority and sending
high priority records at higher transfer rate and lower number of
repetitions, and low priority records at lower rate and higher...

...Abstract (Basic): The method involves transmitting data records in
the form of data packets from a transmitter to a receiver without
feedback by the receiver regarding error occurrences in the
transferred data records...

...The data records are divided into records of higher priority and
records of lower priority, and the records of higher priority are
sent at a high transfer rate, the data packets are transmitted
only once or with a small amount of repetitions. The data records
of lower priority are sent at a low transfer rate. The data
packets are transmitted with a larger amount of repetitions...

...USE/ADVANTAGE - Esp. for broadcast transmission in computer network ,
e.g. e-mail. Enables large amount of receivers, and assures that
valid data is present at receiver after predetermined amount of
time...

International Patent Class (Main): G06F-013/38 ...
Manual Codes (EPI/S-X): T01-H07C1 ...

... T01-H07P

37/3,K/129 (Item 129 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013098830 **Image available**
WPI Acc No: 2000-270702/200023
Related WPI Acc No: 2000-256453; 2000-256455
XRPX Acc No: N00-202772

Communications network e.g. for transferring data in accordance with
transfer priority number, stores data prior to transfer with monitor
monitors volume of data being transferred through switching node

Patent Assignee: MADGE NETWORKS LTD (MADG-N)
Inventor: COLEMAN T J; KNIGHT R J
Number of Countries: 020 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200011841	A1	20000302	WO 99GB2691	A	19990816	200023 B
EP 1106003	A1	20010613	EP 99940326	A	19990816	200134
			WO 99GB2691	A	19990816	

Priority Applications (No Type Date): GB 9822113 A 19981009; GB 9818022 A
19980818

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200011841	A1	E 29	H04L-012/56	
			Designated States (National): US	
			Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
EP 1106003	A1	E	H04L-012/56	Based on patent WO 200011841
			Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE	

Communications network e.g. for transferring data in accordance with
transfer priority number, stores data prior to transfer with monitor
monitors volume of data being transferred through switching node

Abstract (Basic):

... The network has a store for storing data prior to transfer
. A monitor monitors the volume of data being transferred through
the switching node. A comparator compares the volume of data to a
predetermined threshold. A signal generator generates a congestion
signal if the respective volume of traffic exceeds the predetermined
threshold. The adjacent...

...or end stations are responsive to the congestion signal to temporarily
store some of the data to be transferred via the respective
switching node. The data for storage is selected in accordance with
the priority number.

... An INDEPENDENT CLAIM is included for an end station for coupling
to a communications network, and a method of transferring data
via a communications network.

...

...For transferring data in accordance with transfer priority
number

37/3,K/112 (Item 112 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013913372 **Image available**
WPI Acc No: 2001-397585/200142
XRPX Acc No: N01-293031

Data packets marking method involves determining a sending rate estimate and marking packet to one of multiple of priority level based on comparison with initial rate threshold

Patent Assignee: NOKIA INTERNET COMMUNICATIONS INC (OYNO); NOKIA INC (OYNO)

Inventor: KOODLI R

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200130033	A1	20010426	WO 2000US28647	A	20001016	200142 B
AU 200112078	A	20010430	AU 200112078	A	20001016	200148
EP 1222781	A1	20020717	EP 2000973579	A	20001016	200254
			WO 2000US28647	A	20001016	

Priority Applications (No Type Date): US 2000540361 A 20000331; US 99159522 P 19991015

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200130033 A1 E 30 H04L-012/56

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200112078 A H04L-012/56 Based on patent WO 200130033

EP 1222781 A1 E H04L-012/56 Based on patent WO 200130033

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Data packets marking method involves determining a sending rate estimate and marking packet to one of multiple of priority level based on comparison...

Abstract (Basic):

... Sending rate estimate (S) of the data packet is determined and is compared with the initial rate threshold. The packets are marked with a selected priority level and burst size is increased, when sending rate estimate is less than the initial rate threshold.

... A probability is set for marking data packet with subordinate priority level when sending rate estimate (S) is between primary and secondary rate threshold (FRT,SRT). When the sending...

...at least (S-SRT)divideS. On determining that S' is greater than rate threshold, burst size is determined and the packet is marked at primary priority level, when burst size is greater than minimum burst. On determining that S' is greater than super rate threshold...

...For marking data packets to route data packets in differentiated service network.

37/3,K/111 (Item 111 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013981453 **Image available**

WPI Acc No: 2001-465667/200150

XRPX Acc No: N01-345444

Information system for a tiered distribution network using a hierarchical list to display genealogical relationships between the distributors and an originating distributor

Patent Assignee: NUSKIN INT INC (NUSK-N); NU SKIN INT INC (NUSK-N)

Inventor: BREITER D L; SLY J M; STIRLING D N

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200155935	A1	20010802	WO 2001US2565	A	20010126	200150 B
AU 200133001	A	20010807	AU 200133001	A	20010126	200174

Priority Applications (No Type Date): US 2000178688 P 20000128

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200155935 A1 E 28 G06F-017/60

Designated States (National): AU CA CN JP KR NZ US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

AU 200133001 A G06F-017/60 Based on patent WO 200155935

Information system for a tiered distribution network using a hierarchical list to display genealogical relationships between the distributors and an originating distributor

Abstract (Basic):

... of original sales order information, 20, takes place at a server, 22 and subsets of information relating to volumes and genealogy are extracted, 28, for each distributor into delimited flat files, including distributor flat files, volume flat files and execution structure flat files, 30,32,34. The files are sorted and cleaned and a process moves the data, the source code and configuration files 38, 40, across wide area networks to strategic destinations...

... INDEPENDENT CLAIMS are included for a method for displaying a database and for a method of supplying information.

...

...Multiple-level marketing of information to personal networks.

...

...The drawing shows processing and preparation of original sales order information for network transfer.

International Patent Class (Main): G06F-017/60

Manual Codes (EPI/S-X): T01-J05A

37/3,K/105 (Item 105 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014119859 **Image available**
WPI Acc No: 2001-604071/200169
Related WPI Acc No: 1994-044529
XRPX Acc No: N01-450871

Data transmission method for multi- system network , involves
initiating use of preempt/resume protocol only when delay for
transmission of low priority data packets of selected size is
more than predetermined time

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CIDON I; DONEY R M; DRAKE J E; HERVATIC E A; POTTER K H;
TEDIJANTO T E

Number of Countries: 011 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1128612	A2	20010829	EP 93480096	A	19930716	200169 B
			EP 2001108461	A	19930716	

Priority Applications (No Type Date): US 92927697 A 19920807

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1128612	A2	E 14	H04L-012/56	Div ex application EP 93480096 Div ex patent EP 582537

Designated States (Regional): AT BE CH DE ES FR GB IT LI NL SE

Data transmission method for multi- system network , involves
initiating use of preempt/resume protocol only when delay for
transmission of low priority data packets of selected size is
more than predetermined time

Abstract (Basic):

... are checked for support of usage of preempt/resume protocol and
if they support, the size of the largest low- priority data packet
that are sent and received are compared using the field values in the
corresponding...

...lower size is selected. The use of preempt/resume protocol is initiated
only when the transmission of low priority data packets of
selected size determines a delay which is more than the
predetermined time.

... A message indicating whether the local system supports use of
preempt/resume protocol and the size of the largest low priority
level data packet is transmitted from the local system to a
remote system and a message indicating the same in the case of remote
...

...not support the use of the protocol. When the preempt/resume protocol is
supported, the size of low priority data packet of both the
systems are compared using the corresponding field values from which a
lower size is selected. The use of the protocol is initiated when the
transmission of low priority data packet of selected sized
delay by more than a predetermined time. INDEPENDENT CLAIMS are also
included for the following...

...a) Data communication network system...

...For checking usage of preempt/resume protocol or an alternate protocol

for transmission in multi- system network .

37/3,K/89 (Item 89 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014404717 **Image available**
WPI Acc No: 2002-225420/200228
XRPX Acc No: N02-172843

Data distribution satellite communication system for Internet schools, colleges, distributes information to terminals based on request from terminals containing code indicating emergency level of data distribution

Patent Assignee: NEC CORP (NIDE); ICHIYOSHI O (ICHI-I)

Inventor: ICHIYOSHI O

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010031620	A1	20011018	US 2001835518	A	20010417	200228 B
JP 2001308768	A	20011102	JP 2000116389	A	20000418	200228
JP 3440998	B2	20030825	JP 2000116389	A	20000418	200357

Priority Applications (No Type Date): JP 2000116389 A 20000418

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010031620	A1	19	H04H-001/00	
JP 2001308768	A	12	H04B-007/204	
JP 3440998	B2	11	H04B-007/204	Previous Publ. patent JP 2001308768

Data distribution satellite communication system for Internet schools, colleges, distributes information to terminals based on request from terminals containing code indicating emergency level of data distribution

Abstract (Basic):

... A data distribution center (30) connected to a satellite earth station (20) distributes data signal to a communication satellite (10), from the earth station (20). A return communication unit enables the center (30) to receive a data request having a code indicating emergency level of data distribution, from the communication terminals. The information are distributed to multiple terminals, based on the request.

... b) Data distributing method ;
(...

...c) Data distribution system
...

... Data distribution satellite communication system using Internet for Internet schools, colleges for providing home education to students through Internet , for distribution of music and news, and for small office and home office (SOHO...

...Efficiently provides multiple users with a lot of data at low cost in requested form, through communication satellite at a flexible delivery time using instantaneous, wide area and broadcasting characteristics of satellite communication. Ensures high transmission efficiency, by avoiding the necessity to divide the data into a lot of data grams as in the Internet .
...

...The figure shows the block diagram of satellite communication data

distribution system .

...

... Data distribution center (30
Manual Codes (EPI/S-X): T01-M02A ...

... T01-N01A2

37/3,K/156 (Item 156 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010410292 **Image available**
WPI Acc No: 1995-311641/199540
Related WPI Acc No: 1999-166975
XRPX Acc No: N95-235328

Data storage management for network interconnected processors - has
file servers to store data files with secondary storage for files
migrated from servers and storage server to manage data file transfer

Patent Assignee: KODAK LTD (EAST); AVAIL SYSTEMS CORP (AVAI-N)
Inventor: BLICKENSTAFF R L; BRANT C I; DODD P D; KIRCHNER A H; MONTEZ J K;
TREDE B E; WINTER R A; BRANT C

Number of Countries: 020 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9523376	A1	19950831	WO 95US1660	A	19950210	199540 B
AU 9519142	A	19950911	AU 9519142	A	19950210	199550
US 5537585	A	19960716	US 94201658	A	19940225	199634
EP 746819	A1	19961211	EP 95911653	A	19950210	199703
			WO 95US1660	A	19950210	
JP 9510806	W	19971028	JP 95522361	A	19950210	199802
			WO 95US1660	A	19950210	
AU 693868	B	19980709	AU 9519142	A	19950210	199838
US 5832522	A	19981103	US 94201658	A	19940225	199851
			US 96650114	A	19960522	
EP 746819	B1	19991215	EP 95911653	A	19950210	200003
			WO 95US1660	A	19950210	
DE 69513956	E	20000120	DE 613956	A	19950210	200011
			EP 95911653	A	19950210	
			WO 95US1660	A	19950210	

Priority Applications (No Type Date): US 94201658 A 19940225; US 96650114 A 19960522

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9523376	A1	E	53	G06F-012/08	
					Designated States (National): AU CA JP
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
EP 746819	B1	E		G06F-012/08	Based on patent WO 9523376
					Designated States (Regional): DE FR GB IT
DE 69513956	E			G06F-012/08	Based on patent EP 746819
					Based on patent WO 9523376
AU 9519142	A			G06F-012/08	Based on patent WO 9523376
US 5537585	A		24	G06F-017/30	
EP 746819	A1	E	53	G06F-012/08	Based on patent WO 9523376
					Designated States (Regional): DE FR GB IT
JP 9510806	W		58	G06F-012/00	Based on patent WO 9523376
AU 693868	B			G06F-012/08	Previous Publ. patent AU 9519142
					Based on patent WO 9523376
US 5832522	A			G06F-017/30	Div ex application US 94201658
					Div ex patent US 5537585

Data storage management for network interconnected processors - ...

...has file servers to store data files with secondary storage for files
migrated from servers and storage server to manage data file transfer

...Abstract (Basic): and includes a storage server (50) that, on a demand
basis and/or on a periodically scheduled basis, audits the activity

on each volume of each **data** storage device (31-33) that is connected to the **network**. Low **priority data** files are migrated via the **network** and the storage server to backend **data** storage media (61-65), and the directory resident in the data storage device is updated...

...entry to indicate that this data file has been migrated to backend storage. When the **processor** (21-22) requests this **data** file, the placeholder entry enables the storage server to recall the requested data file to...

...The **LAN** consists of a **data** communication link (11) and software that interconnects processors with file servers. Each processor is capable of accessing at least one **volume** on one of the file servers as directly accessible additional **data** storage space for the use of the **processor** to store **data** files...

...ADVANTAGE - Has **hierarchical** data storage to migrate lower **priority data** files to backend less expensive media. Provides automated disaster recovery **data** backup and **data** space management...

...Abstract (Equivalent): A **data** storage management **system** for a **data network** which functions to interconnect a plurality of file servers, each of which stores data files...

...storage server means connected to said **network** for automatically managing **transfer** of **data** files, independent of said file servers, between said plurality of file servers and said secondary...

...means for collecting a plurality of **data** files, that are **transmitted** to said secondary storage means, into a transfer unit...

International Patent Class (Main): G06F-012/00 ...

... G06F-012/08 ...

... G06F-017/30

International Patent Class (Additional): G06F-003/06 ...

... G06F-013/00

Manual Codes (EPI/S-X): T01-C01 ...

... T01-H03A

40/3,K/34 (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011883361 **Image available**
WPI Acc No: 1998-300271/199827
Related WPI Acc No: 2002-628381; 2002-644233
XRPX Acc No: N98-234984

Programmed information transmission method e.g. for delivering music and targetted advertising messages from Internet to subscribers - includes software controlled microprocessor based repository in which dossiers of subscribers are stored and updated, musical content and related advertising are classified and matched, for selecting and receiving information

Patent Assignee: WOLFE R L (WOLF-I); EHI PATENT CO LLC (EHIP-N); MUSICBOOTH LLC (MUSI-N)

Inventor: PINALS J; WOLFE R L

Number of Countries: 026 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 847156	A2	19980610	EP 97121647	A	19971209	199827 B
US 5931901	A	19990803	US 9632141	P	19961209	199937
			US 97822313	A	19970321	
US 6038591	A	20000314	US 9632141	P	19961209	200020
			US 97822313	A	19970321	
			US 99333094	A	19990615	
US 6161142	A	20001212	US 9632141	P	19961209	200067
			US 97822313	A	19970321	
			US 99333094	A	19990615	
			US 2000480093	A	20000110	
CA 2274190	A1	20001210	CA 2274190	A	19990610	200105 N
CA 2274190	C	20030408	CA 2274190	A	19990610	200329 N
EP 847156	B1	20050713	EP 97121647	A	19971209	200547

Priority Applications (No Type Date): US 97822313 A 19970321; US 9632141 P 19961209; US 99333094 A 19990615; US 2000480093 A 20000110; CA 2274190 A 19990610

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 847156	A2	E 10	H04H-001/02	
			Designated States (Regional):	AL AT BE CH DE DK ES FI FR GB GR IE IT LI
			LT LU LV MC MK NL PT RO SE SI	
US 5931901	A		H04N-001/413	Provisional application US 9632141
US 6038591	A		H04N-009/79	Provisional application US 9632141
				Cont of application US 97822313
				Cont of patent US 5931901
US 6161142	A		H04N-001/413	Provisional application US 9632141
				Cont of application US 97822313
				Cont of application US 99333094
				Cont of patent US 5931901
				Cont of patent US 6038591
CA 2274190	A1	E	H04L-012/16	
CA 2274190	C	E	H04L-012/16	
EP 847156	B1	E	H04H-001/02	
			Designated States (Regional):	AT BE CH DE DK ES FI FR GB GR IE IT LI NL
			PT SE	

Programmed information transmission method e.g. for delivering music and targetted advertising messages from Internet to subscribers...

...software controlled microprocessor based repository in which dossiers of subscribers are stored and updated, musical content and related advertising are classified and matched, for selecting and receiving information

...Abstract (Basic): actual advertising copy of various advertisers who can have several different audio messages stored for transmittal to different classes of subscribers. A subscriber profile database (28) is created for storing the actual profiles of the individual subscribers specifying for each...

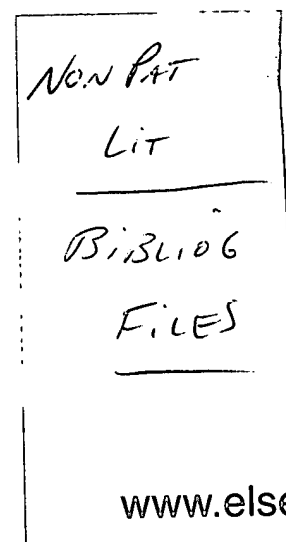
...12,14,...,16) having speakers (12a,14a,...,16a) to play programmed music or other audio information which is transmitted to them via the Internet. The music being transmitted to the subscribers is bundled with targeted advertising material in the form of audio messages...

...ADVANTAGE - Capability to provide programmed music via internet to numerous subscribers without any charge to subscribers. Capability to provide programmed music to general public in a manner which facilitates bundling of such music with advertisement copy tailored to an individual, to thus underwrite cost of supplying to members of public valuable music and other data containing information.

Manual Codes (EPI/S-X): T01-H07C3A ...

... T01-H07C5E

Set	Items	Description
S1	8633407	PROVID? OR DISTRIBUT? OR SEND? OR DOWNLOAD? OR UPLOAD? OR - SUPPLY? OR DISPENS?
S2	8669957	EXTRACT? OR PROPAGAT? OR GENERAT? OR TRANSFER? OR TRANSMI? OR FURNISH?
S3	11157982	CONTENT? OR INFO OR DATA? OR INFORMATION? OR DOCUMENT? OR - CATALOG? OR MAGAZINE?
S4	6377700	PRODUCT?(2N) (IMAG? OR PICTUR? OR DRAWING?) OR TEXT? OR REP- ORT? OR PLAINTEXT? OR BOOK? OR PERIODICAL?
S5	3154843	NETWORK? OR ONLINE? OR INTERNET? OR INTRANET? OR EXTRANET? OR ETHERNET? OR NET OR NETS OR LAN OR WAN OR WAP
S6	6844887	HIERARCH? OR HIERAT? OR TIER? OR RANK? OR CLASSIFI? OR TRE- E? OR LEVEL? OR PRIORIT? OR CATEGOR?
S7	1070596	ORGANIZATION? OR ORGANISATION?
S8	5509332	AMOUNT? OR SIZE? OR COST? OR PRICE? OR PAGE()COUNT? OR EXP- ENDITUR?
S9	3831843	HOW() (MUCH OR BIG OR LARGE) OR ENORMITY? OR QUANTIT? OR MA- GNITUD? OR VOLUME?
S10	3081057	IMMENS? OR DIMENSION?
S11	4678645	ASSIGN? OR SELECT? OR CHOOS? OR CHOIC? OR ALLOT? OR DESIGN- AT? OR ALLOCAT?
S12	4730011	FINITE? OR LIMITED? OR CONSTRAIN? OR RESTRICT? OR FIXED? OR CONFIN?
S13	9955141	INTERMEDIAT? OR MIDDLE? OR CENTRAL? OR BETWEEN? OR (THIRD - OR 3RD) () (PARTY? OR PARTIE?)
S14	2852885	INTERVEN? OR INTERPOS? OR MEDIAT? OR AGENT? OR PROXY? OR P- ROXIE?
S15	10616812	S1:S14 (5N) (METHOD? OR SYSTEM? OR PROCEDUR? OR PROCESS? OR - TECHNIQUE? OR MODE? ?)
S16	152243	S1:S2 (5N) S3:S4 AND S1:S4 (5N) S5
S17	13681	S16 AND S3:S4 (5N) S6:S7
S18	2280	S17 AND (S3:S4 OR S6:S7) (5N) S8:S10
S19	34	S18 AND S12 AND S13:S14 AND S11
S20	1121	S18 AND S15 (5N) (S1:S2 OR S11)
S21	2011	S18 AND S3:S4 (5N) S8:S10
S22	159	S20 AND S1:S2/TI AND S3:S4/TI
S23	222	S21 AND S1:S2/TI AND S3:S4/TI
S24	263	S19 OR S22:S23
S25	146	S24 AND PY<2001
S26	119	RD (unique items)
File	2:INSPEC	1969-2005/Aug W3 (c) 2005 Institution of Electrical Engineers
File	6:NTIS	1964-2005/Aug W3 (c) 2005 NTIS, Intl Cpyrght All Rights Res
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File	65:Inside Conferences	1993-2005/Aug W4 (c) 2005 BLDSC all rts. reserv.
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File	99:Wilson Appl. Sci & Tech Abs	1983-2005/Jul (c) 2005 The HW Wilson Co.
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File	144:Pascal	1973-2005/Aug W3 (c) 2005 INIST/CNRS



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 (c) 2005 American Mathematical Society
File 256:TecInfoSource 82-2005/Aug
 (c) 2005 Info.Sources Inc

26/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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6585536 INSPEC Abstract Number: B2000-06-6210L-111, C2000-06-5620L-031

Title: Design and performance evaluation of a distributed contention control (DCC) mechanism for IEEE 802.11 wireless local area networks

Author(s): Bononi, L.; Conti, M.; Donatiello, L.

Author Affiliation: Dipt. di Sci. dell/Inf., Bologna Univ., Italy

Journal: Journal of Parallel and Distributed Computing vol.60, no.4

p.407-30

Publisher: Academic Press,

Publication Date: April 2000 Country of Publication: USA

CODEN: JPD CER ISSN: 0743-7315

SICI: 0743-7315(200004)60:4L.407:DPED;1-V

Material Identity Number: G544-2000-004

U.S. Copyright Clearance Center Code: 0743-7315/2000/\$35.00

Language: English

Subfile: B C

Copyright 2000, IEE

Title: Design and performance evaluation of a distributed contention control (DCC) mechanism for IEEE 802.11 wireless local area networks

Abstract: This paper focuses on the design and performance evaluation of a new mechanism, named **distributed contention control (DCC)**, for the adaptive **contention** reduction in **LAN networks** that utilize random access MAC protocols. The proposed mechanism could be executed on the top ...

... 11 wireless LAN (WLAN). The DCC mechanism requires a simple and rough estimate of the **contention level**, and this can be achieved by estimating any parameter, directly connected with the **amount of contention** on the shared channel. The main characteristics of the proposed mechanism are represented by its...

... and prompt reaction to changes in the network congestion. The protocol automatically adapts to the **network** congestion by monitoring the channel **contention level** through the estimation of the **contention** parameter. In this paper we show that the information needed for the contention estimation is...

...Identifiers: **distributed contention control**...

...channel **contention level** ;
2000

26/3,K/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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6139662 INSPEC Abstract Number: C1999-02-7210N-051

Title: Analysis of Internet domains by extracting information from HTTP logfiles

Author(s): Aizawa, A.

Author Affiliation: Nat. Center for Sci. Inf. Syst., Tokyo, Japan

Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-I vol.J81D-I, no.11 p.1201-10

Publisher: Inst. Electron. Inf. & Commun. Eng,

Publication Date: Nov. 1998 Country of Publication: Japan

CODEN: DTRDES ISSN: 0915-1915

SICI: 0915-1915(199811)J81DI:11L.1201:AIDE;1-3

Material Identity Number: M972-1998-012

Language: Japanese

Subfile: C

Copyright 1999, IEE

Title: Analysis of Internet domains by extracting information from HTTP logfiles

...Abstract: data and estimates the similarity between two Internet domains. In order to deal with the **data size** problem, our method applies Kullbach-Liebler information criteria at the preprocessing stage and summarizes the **data** using URL **hierarchy**. The effect of the summarization is demonstrated using actual HTTP log data.

...Identifiers: **information extraction** ; ...

... **data size** problem
1998

26/3,K/27 (Item 27 from file: 2)

DIALOG(R)File 2:INSPEC

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03707242 INSPEC Abstract Number: C90058216

Title: Distributed database architectures

Author(s): Papazoglou, M.P.

Author Affiliation: Dept. of Comput. Sci., Australian Nat. Univ., Canberra, ACT, Australia

Conference Title: PARBASE-90 International Conference on Databases, Parallel Architectures and Their Applications (Cat. No.90CH2728-4) p.549

Editor(s): Rishe, N.; Navathe, S.; Tal, D.

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1990 **Country of Publication:** USA xiv+570 pp.

ISBN: 0 8186 2035 8

U.S. Copyright Clearance Center Code: CH2728-4/90/0000-0549\$01.00

Conference Sponsor: IEEE; Florida Int. Univ.; Euromicro

Conference Date: 7-9 March 1990 **Conference Location:** Miami Beach, FL, USA

Language: English

Subfile: C

Title: Distributed database architectures

Abstract: The characteristics of distributed database architectures are discussed. It is noted that the advent of powerful modeling facilities, such as...

... of several of the long standing assumptions and perspectives that are pervading the field of distributed database architectures. It is now possible to propose novel architectures based on high-level data modeling facilities. The advocated architecture is called the semidecentralized or clustered architecture and combines the...

... aspects of both logically centralized and federated databases. This architecture substantiates the substrate which automatically classifies the activities that each preexisting data base management system may undertake and is in the position to describe the entire volume of information that can be supplied by each individual database system in the network.

Descriptors: distributed databases ;

...Identifiers: distributed database architectures

1990

26/3,K/33 (Item 33 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02220370 INSPEC Abstract Number: C84017795

Title: A multi- tree automation for efficient data transmission
Author(s): Hazboun, K.A.; Raymond, J.L.
Author Affiliation: Pennsylvania State Univ., University Park, PA, USA
Conference Title: Proceedings of the Second International Workshop on
Statistical Database Management p.54-63
Editor(s): Hammond, R.; McCarthy, J.L.
Publisher: Lawrence Berkeley Lab, Berkeley, CA, USA
Publication Date: 1983 **Country of Publication:** USA viii+427 pp.
Conference Sponsor: Univ. California; USDOE
Conference Date: 27-29 Sept. 1983 **Conference Location:** Los Altos, CA,
USA
Language: English
Subfile: C

Title: A multi- tree automation for efficient data transmission
...Abstract: implementation of an efficient compression algorithm is
outlined. This design is proposed for the economic transmission of large
volume of data within a distributed network of statistical
databases . The encoder/decoder stage of the design is based on a
reversible semantic-independent variable...
...Descriptors: distributed processing ;
...Identifiers: efficient data transmission ; ...
... distributed network ;
1983

26/3,K/75 (Item 18 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

03997051 E.I. No: EIP94122452209

Title: Information extraction as a basis for high-precision text classification

Author: Riloff, Ellen; Lehnert, Wendy

Corporate Source: Univ of Massachusetts, Amherst, MA, USA

Source: ACM Transactions on Information Systems v 12 n 3 July 1994. p 296-333

Publication Year: 1994

CODEN: ATISET ISSN: 1046-8188

Language: English

Title: Information extraction as a basis for high-precision text classification

Abstract: We describe an approach to text classification that represents a compromise between traditional word-based techniques and in-depth natural language processing. Our approach uses a natural language processing task called 'information extraction' as a basis for high-precision text classification. We present three algorithms that use varying amounts of extracted information to classify texts. The relevancy signatures algorithm uses linguistic phrases; the augmented relevancy signatures algorithm uses phrases and local context; and the case-based text classification algorithm uses larger pieces of context. Relevant phrases and contexts are acquired automatically using a...

...and describe an automated method for empirically deriving appropriate threshold values. The results suggest that information extraction techniques can support high-precision text classification and, in general, that using more extracted information improves performance. As a practical matter, we also explain how the text classification system can be easily ported across domains. (Author abstract) 36 Refs.

Descriptors: *Information analysis; Classification (of information) ; Natural language processing systems; Algorithms; Computational linguistics; Data acquisition; Information retrieval; Online searching; Statistical methods; Indexing (of information)

Identifiers: Information extraction ; Phrases; Training corpus; Augmented relevancy signatures algorithms; Case based text classification

26/3,K/96 (Item 9 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01240955 ORDER NO: AAD92-29556

DATA ALLOCATION IN HIERARCHICALLY CONTROLLED, DISTRIBUTED COMPUTER
SYSTEMS

Author: REMEDIOS, IAN ROSARIO

Degree: PH.D.

Year: 1992

Corporate Source/Institution: UNIVERSITY OF SOUTHWESTERN LOUISIANA (0233
)

Source: VOLUME 53/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2411. 153 PAGES

DATA ALLOCATION IN HIERARCHICALLY CONTROLLED, DISTRIBUTED COMPUTER
SYSTEMS

Year: 1992

A hierarchical interconnection of local area networks provides for efficient control, timely information exchange and scope for future expansion in applications such as computer integrated manufacturing. The data allocation problem in hierarchically controlled, distributed computer systems with dynamically changing data access requirements is stated as follows: Given (1) one or more LAN's located in...
...allocation node sets (for each time period) which minimizes the sum of global task operating cost and data reallocation cost over the entire day (or portion thereof), subject to satisfying multiple system constraints. Some of...

...a statistical approach to evaluate heuristic performance.

A hop based formulation of the task operating cost and data reallocation cost accurately models the logical control hierarchy, but is relatively independent of the underlying physical topology. The properties of a cost benefit...

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	24	(koseki near akira).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 08:54
L3	1763421	(information data info) with (provid\$3 suppl\$4 giv\$3 gave given extract\$3 receiv\$3 furnish\$3 issueing issue render\$4 provision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:09
L4	9748184	(network internet LAN WLAN WAN local adj area adj network wide adj area adj network communication telecommunication connect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:56
L5	4902425	(hieratically hierarchy hierarchies caterorization adj2 group tree near structur\$3 structure adj organization structure tree top adj down)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:17
L6	5256526	(amount how adj much number adj of total adj of quantity sum adj of measure adj of)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:20
L7	4335815	(level\$1 tier\$1 stage\$1 rank\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:24
L8	2699657	(depend\$3 adj (upon on) bas\$3 adj (upon on) according adj (upon to))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:26
L9	10	3 and 4 and (8 with 6 with 5 with 7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:56
L10	1263134	(network internet LAN WLAN WAN local adj area adj network wide adj area adj network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 09:56
L11	5	3 and 10 and (8 with 6 with 5 with 7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 10:49

L12	14	(copyright adj information adj provid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 10:50
L13	3	12 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 10:51
L14	7455	((709/203,204,206,217,234).ccls.) and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 13:10
L15	18	((709/203,204,206,217,234).ccls.) and 5 with 3 with 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 13:12
L16	1065	((709/203,204,206,217,234).ccls.) and 3 and 5 with 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 13:14
L17	170	16 and 6 with 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 13:15
L18	168	17 and (assign\$3 choos\$3 select\$3 designat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/02 13:29
L19	21	("6070176" "6243392" "6430161" "20010040893" "6275988" "20010029608" "20030033298" "6826607" JP11065958A "6025877" "5251209" WO200051024A1 "5931901" "6038591" "6161142").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/02 13:55

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